

# WEST Search History

DATE: Tuesday, June 17, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=USPT; PLUR=YES; OP=OR</i>			
L21	L20 and (l1 or l2 or l3 or l7)	9	L21
L20	L19 or l14 or l17 or l18	109	L20
L19	"PATEL; KANAIYALAL"	4	L19
L18	"REED; EDWARD"	36	L18
L17	"SCHENKEL; ROBERT"	4	L17
L16	"VICINI; JOHN"	0	L16
L15	"KLUSMEYER; TIM"	0	L15
L14	"MCGRATH; MICHAEL"	65	L14
L13	l4 and l7	22	L13
L12	l8 and l7	1	L12
L11	L10 and (cow or heifer or bovine)	63	L11
L10	L9 and l5	72	L10
L9	L8 and l4	86	L9
L8	l1 and l2 aND L3	162	L8
L7	photoperiod or "photo period"	1712	L7
L6	coa or heifer or bovine	54578	L6
L5	milk or lactat\$	67222	L5
L4	glucocorticoid or dexamethasone	8722	L4
L3	progest\$	6760	L3
L2	estrogen or estradiol	10395	L2
L1	bst or somatotropin	3954	L1

END OF SEARCH HISTORY

? s photoperiod or "photo period" or photo-period

29081 PHOTOPERIOD

2 PHOTO PERIOD

3 PHOTO-PERIOD

S1 29083 PHOTOPERIOD OR "PHOTO PERIOD" OR PHOTO-PERIOD

? s "milk production" or lactation or lactating

2675 MILK PRODUCTION

71094 LACTATION

38083 LACTATING

S2 93459 "MILK PRODUCTION" OR LACTATION OR LACTATING

? s s1 and s2

29083 S1

93459 S2

S3 301 S1 AND S2

? s cow or dairy or cattle or heifer or heifers or cows or bovine

72450 COW

95656 DAIRY

344532 CATTLE

6362 HEIFER

19283 HEIFERS

80641 COWS

424718 BOVINE

S4 768349 COW OR DAIRY OR CATTLE OR HEIFER OR HEIFERS OR COWS OR  
BOVINE

? s s3 and s4

301 S3

768349 S4

S5 105 S3 AND S4

? s (somatotropin or posilac or progesterone or glucocorticoid or estradiol or dexamethasone or bst)

15592 SOMATOTROPIN

75 POSILAC

157732 PROGESTERONE

76779 GLUCOCORTICOID

168893 ESTRADIOL

97681 DEXAMETHASONE

3379 BST

S6 432043 (SOMATOTROPIN OR POSILAC OR PROGESTERONE OR  
GLUCOCORTICOID OR ESTRADIOL OR DEXAMETHASONE OR BST)

? s s5 and s6

105 S5

432043 S6

S7 40 S5 AND S6

? s py<=2000

Processing

Processing

Processing

Processing

S833305416 PY<=2000

? s s7 and s8

40 S7

33305416 S8

S9 31 S7 AND S8

? type s9/full/all

Connecting via Winsock to Dialog

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\*

Welcome to DIALOG

Dialog level 02.14.01D

Last logoff: 04jun03 10:34:25

Logon file405 04jun03 14:24:33

\* \* \* \* See HELP NEWS 225 for information on new search prefixes  
and display codes

\*\*\*                   \*\*\*

SYSTEM:HOME

Cost is in DialUnits

Menu System II: D2 version 1.7.8 term=ASCII

\*\*\* DIALOG HOMEBASE(SM) Main Menu \*\*\*

Information:

1. Announcements (new files, reloads, etc.)
2. Database, Rates, & Command Descriptions
3. Help in Choosing Databases for Your Topic
4. Customer Services (telephone assistance, training, seminars, etc.)
5. Product Descriptions

Connections:

6. DIALOG(R) Document Delivery
7. Data Star(R)

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/H = Help       /L = Logoff       /NOMENU = Command Mode

Enter an option number to view information or to connect to an online  
service. Enter a BEGIN command plus a file number to search a database  
(e.g., B1 for ERIC).

? b 410

04jun03 14:24:33 User268147 Session D79.1  
\$0.00 0.149 DialUnits FileHomeBase  
\$0.00 Estimated cost FileHomeBase  
\$0.00 Estimated cost this search  
\$0.00 Estimated total session cost 0.149 DialUnits

File 410:Chronolog(R) 1981-2003/Mar

(c) 2003 The Dialog Corporation

Set Items Description

-----

? set hi %%%;set hi %%%

HIGHLIGHT set on as "

HIGHLIGHT set on as "

? b 5, 34, 155, 172

04jun03 14:24:39 User268147 Session D79.2

\$0.00 0.071 DialUnits File410

\$0.00 Estimated cost File410

\$0.01 TELNET

\$0.01 Estimated cost this search

\$0.01 Estimated total session cost 0.220 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 5:Biosis Previews(R) 1969-2003/Jun W1

(c) 2003 BIOSIS

\*File 5: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 34:SciSearch(R) Cited Ref Sci 1990-2003/May W4

(c) 2003 Inst for Sci Info

\*File 34: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 155:MEDLINE(R) 1966-2003/May W4

(c) format only 2003 The Dialog Corp.

\*File 155: Medline has been reloaded and accession numbers have changed. Please see HELP NEWS 155.

File 172:EMBASE Alert 2003/Jun W1

(c) 2003 Elsevier Science B.V.

Set Items Description

? s bst or "bovine somatotropin" or posilac

3378 BST

4 BOVINE SOMATOTROPIN

75 POSILAC

S1 3420 BST OR "BOVINE SOMATOTROPIN" OR POSILAC

? s glucocorticoid

S2 76774 GLUCOCORTICOID

? s estrogen or estradiol

186638 ESTROGEN

168878 ESTRADIOL

S3 294788 ESTROGEN OR ESTRADIOL

? s progesterone

S4 157722 PROGESTERONE

? s s1 and s2

3420 S1

76774 S2

S5 10 S1 AND S2

? s s1 and s3

3420 S1

294788 S3

S6 131 S1 AND S3

? s s2 and s4

76774 S2

157722 S4

S7 5632 S2 AND S4

? s s6 and s7

131 S6

5632 S7

S8 0 S6 AND S7

? ds

Set Items Description

S1 3420 BST OR "BOVINE SOMATOTROPIN" OR POSILAC

S2 76774 GLUCOCORTICOID

S3 294788 ESTROGEN OR ESTRADIOL

S4 157722 PROGESTERONE

S5 10 S1 AND S2

S6 131 S1 AND S3

S7 5632 S2 AND S4

S8 0 S6 AND S7

? s s5 and (s6 or s7)

10 S5

131 S6

5632 S7

S9 0 S5 AND (S6 OR S7)

? s lactation

S10 71083 LACTATION

? s s6 and s10

131 S6

71083 S10

S11 17 S6 AND S10

? s s7 and s10

5632 S7

71083 S10

S12 67 S7 AND S10

? s py<=2000

Processing

Processing

Processing

Processing

S133305342 PY<=2000

? ds

Set Items Description

S1 3420 BST OR "BOVINE SOMATROPIN" OR POSILAC

S2 76774 GLUCOCORTICOID

S3 294788 ESTROGEN OR ESTRADIOL

S4 157722 PROGESTERONE

S5 10 S1 AND S2

S6 131 S1 AND S3

S7 5632 S2 AND S4

S8 0 S6 AND S7

S9 0 S5 AND (S6 OR S7)

S10 71083 LACTATION

S11 17 S6 AND S10

S12 67 S7 AND S10

S13 33305342 PY<=2000

? s s5 and s13

10 S5

33305342 S13

S14 7 S5 AND S13

? s s13 and s11

33305342 S13

17 S11

S15 14 S13 AND S11

? s s13 and s12

33305342 S13

67 S12

S16 60 S13 AND S12

? ds

Set Items Description

S1 3420 BST OR "BOVINE SOMATROPIN" OR POSILAC

S2 76774 GLUCOCORTICOID

S3 294788 ESTROGEN OR ESTRADIOL

S4 157722 PROGESTERONE

S5 10 S1 AND S2

S6 131 S1 AND S3

S7 5632 S2 AND S4

S8 0 S6 AND S7

S9 0 S5 AND (S6 OR S7)

S10 71083 LACTATION

S11 17 S6 AND S10

S12 67 S7 AND S10

S13 33305342 PY<=2000

S14 7 S5 AND S13

S15 14 S13 AND S11

S16 60 S13 AND S12

? type s14/full/all

14/9/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12869312 BIOSIS NO.: 200100076461

Testosterone regulation of CRH and AVP mRNA expression in the stria terminalis and amygdala occurs independently of glucocorticoids.

AUTHOR: Viau V G(a); Soriano L R; Dallman M F

AUTHOR ADDRESS: (a)UCSF, San Francisco, CA\*\*USA

JOURNAL: Society for Neuroscience Abstracts 26 (1-2):pAbstract No-15310

S5 10 S1 AND S2  
S6 131 S1 AND S3  
S7 5632 S2 AND S4  
S8 0 S6 AND S7  
S9 0 S5 AND (S6 OR S7)  
S10 71083 LACTATION  
S11 17 S6 AND S10  
S12 67 S7 AND S10  
S13 33305342 PY<=2000  
S14 7 S5 AND S13  
S15 14 S13 AND S11  
S16 60 S13 AND S12  
S17 2774 S2 AND S3 AND S4  
S18 0 S1 AND S17  
S19 25172 17 AND (COW? OR BOVINE? OR HEIFER?)  
S20 101 S17 AND (COW? OR BOVINE? OR HEIFER?)  
? s20 and (production or producing)  
101 S20  
1252842 PRODUCTION  
282020 PRODUCING  
S21 15 S20 AND (PRODUCTION OR PRODUCING)  
? s21 and s13  
15 S21  
33305342 S13  
S22 15 S21 AND S13  
? type s22/full/all

22/9/1 (Item 1 from file: 5)  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2003 BIOSIS. All rts. reserv.

09896367 BIOSIS NO.: 199598351285  
Effects of season on udder development and milk production of  
cows hormonally-induced into lactation.  
AUTHOR: McFadden T B; Clark B A; Hovey R C  
AUTHOR ADDRESS: AgRes., Hamilton\*\*New Zealand  
JOURNAL: Journal of Dairy Science 78 (SUPPL. 1):p203 1995  
CONFERENCE/MEETING: Ninetieth Annual Meeting of the American Dairy Science  
Association Ithaca, New York, USA June 25-28, 1995  
ISSN: 0022-0302  
RECORD TYPE: Citation  
LANGUAGE: English  
REGISTRY NUMBERS: 57-83-0: PROGESTERONE; 50-28-2: ESTRADIOL  
-17-BETA

DESCRIPTORS:

MAJOR CONCEPTS: Animal Husbandry (Agriculture); Climatology  
(Environmental Sciences); Endocrine System (Chemical Coordination and  
Homeostasis); Foods; Pharmacology; Reproductive System (Reproduction);  
Veterinary Medicine (Medical Sciences)

BIOSYSTEMATIC NAMES: Bovidae--Artiodactyla, Mammalia, Vertebrata,  
Chordata, Animalia; Mammalia-Unspecified--Mammalia, Vertebrata,  
Chordata, Animalia

ORGANISMS: mammal (Mammalia - Unspecified); Bovidae (Bovidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; artiodactyls;  
chordates; mammals; nonhuman mammals; nonhuman vertebrates; vertebrates

CHEMICALS & BIOCHEMICALS: PROGESTERONE; ESTRADIOL-17-BETA

INDUSTRY: cattle industry; dairy industry

MISCELLANEOUS TERMS: ESTRADIOL-17-BETA; GLANDULAR DEVELOPMENT;  
GLUCOCORTICOID; MEETING ABSTRACT; PRODUCTIVITY;  
PROGESTERONE

CONCEPT CODES:

07504 Ecology; Environmental Biology-Bioclimatology and Biometeorology  
13518 Food Technology-Dairy Products  
16504 Reproductive System-Physiology and Biochemistry  
17006 Endocrine System-Gonads and Placenta  
22016 Pharmacology-Endocrine System  
22028 Pharmacology-Reproductive System; Implantation Studies  
26502 Animal Production-General; Methods  
38002 Veterinary Science-General; Methods  
00520 General Biology-Symposia, Transactions and Proceedings of

REGISTRY NUMBERS: 9002-71-5: THYROTROPIN; 9002-60-2: CORTICOTROPIN;  
102744-97-8: SOMETRIBOVE

DESCRIPTORS:

MAJOR CONCEPTS: Biochemistry and Molecular Biophysics; Endocrine System  
(Chemical Coordination and Homeostasis); Nervous System (Neural  
Coordination); Pathology; Reproductive System (Reproduction)

BIOSYSTEMATIC NAMES: Bovidae--Artiodactyla, Mammalia, Vertebrata,  
Chordata, Animalia

ORGANISMS: Bovidae (Bovidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; artiodactyls;  
chordates; mammals; nonhuman vertebrates; nonhuman mammals; vertebrates

CHEMICALS & BIOCHEMICALS: THYROTROPIN; CORTICOTROPIN; SOMETRIBOVE

CONCEPT CODES:

10064 Biochemical Studies-Proteins, Peptides and Amino Acids

10068 Biochemical Studies-Carbohydrates

12512 Pathology, General and Miscellaneous-Therapy (1971- )

16504 Reproductive System-Physiology and Biochemistry

17014 Endocrine System-Pituitary

17020 Endocrine System-Neuroendocrinology (1972- )

20504 Nervous System-Physiology and Biochemistry

BIOSYSTEMATIC CODES:

85715 Bovidae

11/9/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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09896368 BIOSIS NO.: 199598351286

Effects of BST on udder development and milk production of cows  
hormonally-induced into lactation.

AUTHOR: McFadden T B; Clark B A; Hovey R C

AUTHOR ADDRESS: AgRes., Hamilton\*\*New Zealand

JOURNAL: Journal of Dairy Science 78 (SUPPL. 1):p203 1995

CONFERENCE/MEETING: Ninetieth Annual Meeting of the American Dairy Science  
Association Ithaca, New York, USA June 25-28, 1995

ISSN: 0022-0302

RECORD TYPE: Citation

LANGUAGE: English

REGISTRY NUMBERS: 9002-72-6: SOMATOTROPIN; 57-83-0: PROGESTERONE; 50-28-2:  
ESTRADIOL-17-BETA

DESCRIPTORS:

MAJOR CONCEPTS: Animal Husbandry (Agriculture); Endocrine System  
(Chemical Coordination and Homeostasis); Foods; Pharmacology;  
Reproductive System (Reproduction); Veterinary Medicine (Medical  
Sciences)

BIOSYSTEMATIC NAMES: Bovidae--Artiodactyla, Mammalia, Vertebrata,  
Chordata, Animalia; Mammalia-Unspecified--Mammalia, Vertebrata,  
Chordata, Animalia

ORGANISMS: mammal (Mammalia - Unspecified); Bovidae (Bovidae)

BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; artiodactyls;  
chordates; mammals; nonhuman mammals; nonhuman vertebrates; vertebrates

CHEMICALS & BIOCHEMICALS: SOMATOTROPIN; PROGESTERONE; ESTRADIOL  
-17-BETA

INDUSTRY: cattle industry; dairy industry

MISCELLANEOUS TERMS: BOVINE SOMATOTROPIN; CELL ACTIVITY;  
ESTRADIOL-17-BETA; GLUCOCORTICOIDS; MAMMARY GROWTH; MEETING  
ABSTRACT; MILK YIELD; PROGESTERONE

CONCEPT CODES:

13518 Food Technology-Dairy Products

16504 Reproductive System-Physiology and Biochemistry

17006 Endocrine System-Gonads and Placenta

17014 Endocrine System-Pituitary

22016 Pharmacology-Endocrine System

22028 Pharmacology-Reproductive System; Implantation Studies

26502 Animal Production-General; Methods

38002 Veterinary Science-General; Methods

00520 General Biology-Symposia, Transactions and Proceedings of  
Conferences, Congresses, Review Annuals

02506 Cytology and Cytochemistry-Animal

06129949 Genuine Article#: XW891 Number of References: 38  
Title: Effect of calcium soaps of fatty acids and administration of somatotropin in early lactation on productive and reproductive performance of high producing dairy cows  
Author(s): Moallem U (REPRINT) ; Kaim M; Folman Y; Sklan D  
Corporate Source: AGR RES ORG,POB 6/IL-50250 BET DAGAN//ISRAEL// (REPRINT); HEBREW UNIV JERUSALEM,FAC AGR/IL-76100 REHOVOT//ISRAEL//  
Journal: JOURNAL OF DAIRY SCIENCE, 1997, V80, N9 (SEP), P2127-2136  
ISSN: 0022-0302 Publication date: 19970900  
Publisher: AMER DAIRY SCIENCE ASSOC, 309 W CLARK ST, CHAMPAIGN, IL 61820  
Language: English Document Type: ARTICLE  
Geographic Location: ISRAEL  
Subfile: CC AGRI--Current Contents, Agriculture, Biology & Environmental Sciences  
Journal Subject Category: AGRICULTURE, DAIRY & ANIMAL SCIENCE; FOOD SCIENCE & TECHNOLOGY

Abstract: This study examined the mechanisms by which calcium soaps of fatty acids and bovine somatotropin (bST) affect production and reproduction of high producing cows. Calcium soaps of fatty acids were fed at 2.2% dry matter, and 500 mg of Zn-sometribove (Monsanto Inc., St Louis, MO) were injected subcutaneously every 14 d from 10 to 150 d in milk (DIM).

Production of fat-corrected milk was increased by 3.5 kg/d when calcium soaps of fatty acids were fed, by 6.1 kg/d when bST was administered, and by 7.4 kg/d when calcium soaps of fatty acids were fed and bST was administered. Body weight was similar for cows on all treatments until 85 DIM after which cows that were treated with bST had lower body weights. Body condition scores decreased more for cows treated with bST and began increasing later and more slowly. Treatment with bST resulted in more cows that experienced first ovulation after 30 DIM, and more cows on the control treatment exhibited first estrus before 35 DIM. Days open were greater when bST was administered. After the first artificial insemination, conception rates were similar for cows on the control treatment and for cows fed calcium soaps of fatty acids; conception rates after the first artificial insemination were low for all cows treated with bST. Pregnancy rates at 120 and 150 DIM were decreased by bST.

Number of DIM to first ovulation, number of DIM to first estrus, and days open were negatively correlated with glucose and cholesterol concentrations in plasma. Production of fat-corrected milk was correlated with days open and with concentrations of triglycerides in plasma, nonesterified fatty acids, and cholesterol. Increased production had different effects on reproduction when induced by calcium soaps of fatty acids or bST treatment. Some of the adverse effects of bST treatments were alleviated by calcium soaps of fatty acids.

Descriptors--Author Keywords: calcium soaps ; bovine somatotropin ; reproduction ; cows .

Identifiers--KeyWord Plus(R): RECOMBINANT BOVINE SOMATOTROPIN; OVARIAN FOLLICULAR DYNAMICS; MILK-YIELD; ENERGY-BALANCE; BODY CONDITION; SERUM; POSTPARTUM; RESPONSES; HEALTH; CATTLE

Research Fronts: 95-2087 002 (BOVINE SOMATOTROPIN; ADIPOSE-TISSUE OF LACTATING COWS; GROWTH HORMONE-RELEASING FACTOR; NONESTERIFIED FATTY-ACIDS)

95-0161 001 (SUPPLEMENTAL CHROMIUM; T1-WEIGHTED MR-IMAGES; HOLSTEIN COWS; HYPERINTENSE DISKS; POSTPARTUM OVARIAN ACTIVITY; BASAL GANGLIA; CLINICAL MASTITIS)

95-1396 001 (ABNORMAL CHOLESTEROL DISTRIBUTION AMONG LIPOPROTEIN FRACTIONS; CONTRACEPTIVE RING RELEASING NORETHINDRONE ACETATE ETHINYL ESTRADIOL; SQUID OIL)

95-8214 001 (DAIRY-COWS IN EARLY LACTATION; SUPPLEMENTAL FAT; POSTPARTUM DIETARY ENERGY; SITE OF DIGESTION; HIGH OIL CORN; GROWTH HORMONE-RELEASING FACTOR)

Cited References:

cows.

Tags: Animal; Female

Descriptors: Cattle--physiology--PH; \*Growth Hormone --analogs and derivatives--AA; \*Lactation--physiology--PH; \*Ovary--physiology--PH; Blood Glucose--metabolism--ME; Cholesterol--blood--BL; Estrus--drug effects--DE; Estrus--physiology--PH; Fatty Acids, Nonesterified--blood--BL; Growth Hormone--blood--BL; Growth Hormone--pharmacology--PD; Human Growth Hormone; Insulin--blood--BL; Insulin-Like Growth Factor I--metabolism--ME; Ovarian Follicle--drug effects--DE; Ovarian Follicle--physiology--PH; Ovary--drug effects--DE; Ovary--ultrasonography--US; Ovulation --drug effects--DE; Ovulation--physiology--PH; Progesterone--blood--BL; Recombinant Proteins--blood--BL; Recombinant Proteins--pharmacology--PD  
CAS Registry No.: 0 (Blood Glucose); 0 (Fatty Acids, Nonesterified); 0 (Recombinant Proteins); 11061-68-0 (Insulin); 12629-01-5 (Human Growth Hormone); 57-83-0 (Progesterone); 57-88-5 (Cholesterol); 67763-96-6 (Insulin-Like Growth Factor I); 9002-72-6 (Growth Hormone)

Record Date Created: 19930610

Record Date Completed: 19930610

? ds

Set	Items	Description
S1	3420	BST OR "BOVINE SOMATROPIN" OR POSILAC
S2	76774	GLUCOCORTICOID
S3	294788	ESTROGEN OR ESTRADIOL
S4	157722	PROGESTERONE
S5	10	S1 AND S2
S6	131	S1 AND S3
S7	5632	S2 AND S4
S8	0	S6 AND S7
S9	0	S5 AND (S6 OR S7)
S10	71083	LACTATION
S11	17	S6 AND S10
S12	67	S7 AND S10
S13	33305342	PY<=2000
S14	7	S5 AND S13
S15	14	S13 AND S11
S16	60	S13 AND S12
S17	2774	S2 AND S3 AND S4
S18	0	S1 AND S17
S19	25172	17 AND (COW? OR BOVINE? OR HEIFER?)
S20	101	S17 AND (COW? OR BOVINE? OR HEIFER?)
S21	15	S20 AND (PRODUCTION OR PRODUCING)
S22	15	S21 AND S13